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	Filing Date		2002-01-10
	First Named Inventor	MARANAS, COSTAS D.	
	Art Unit	1631	
	Examiner Name	CLOW, LORI A.	
Attorney Docket Number		P05468US01 (1 OF 3)	

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1	Anandalingam and Friesz, "Hierarchical Optimization: An Introduction," <i>Annals. Ops. Res.</i> 34:1-11 (1992).	<input type="checkbox"/>
2	Arigoni, et al., "A genome-based approach for the identification of essential bacterial genes," <i>Nat. Biotechnol.</i> 16 (9):851-856 (1998).	<input type="checkbox"/>
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4	Arita, "The metabolic world of <i>Escherichia coli</i> is not small," <i>Proc. Natl. Acad. Sci. USA</i> 101(6):1543-1547 (2004).	<input type="checkbox"/>
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12	Bond and Lovley, "Electricity production by <i>Geobacter sulfurreducens</i> attached to electrodes," <i>Appl Environ Microbiol</i> 69(3):1546-1555 (2003).	<input type="checkbox"/>
13	Burgard and Maranas, "Optimization-based framework for inferring and testing hypothesized metabolic objective functions," <i>Biotechnol. Bioeng.</i> 82(6):670-677 (2003).	<input type="checkbox"/>
14	Burgard and Maranas, "Probing the performance limits of the <i>Escherichia coli</i> metabolic network subject to gene additions or deletions," <i>Biotechnol. Bioeng.</i> 74(5):364-375 (2001).	<input type="checkbox"/>
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22	Cho et al., "Ethical considerations in synthesizing a minimal genome," <i>Science</i> 286:2087-2090 (1999).	<input type="checkbox"/>

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23	Compagno et al., "Glycerol production in a triose phosphate isomerase deficient mutant of <i>Saccharomyces cerevisiae</i> ," <i>Biotechnol. Prog.</i> 12(5):591-595 (1996).	<input type="checkbox"/>
24	Covert et al., "Metabolic modeling of microbial strains in silico," <i>Trends Biochem. Sci.</i> 26:179-186 (2001).	<input type="checkbox"/>
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26	Datta et al., "Technological and economic potential of poly(lactic acid) and lactic acid derivatives," <i>FEMS Microbiol. Rev.</i> 16:221-231 (1995).	<input type="checkbox"/>
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34	Forster, et al., "Genome-scale reconstruction of the <i>Saccharomyces cerevisiae</i> metabolic network," <i>Genome Res.</i> 13 (2):244-253 (2003).	<input type="checkbox"/>
35	Geoffrion "Lagrangean relaxation and its uses in integer programming," <i>Mat. Program. Stud.</i> 2:82 (1974).	<input type="checkbox"/>
36	Gupta and Clark, "Escherichia coli derivatives lacking both alcohol dehydrogenase and phosphotransacetylase grow anaerobically by lactate fermentation," <i>J. Bacteriol.</i> 171(7):3650-3655 (1989).	<input type="checkbox"/>
37	Hartlep et al., "Study of two-stage processes for the microbial production of 1,3 propanediol from glucose," <i>Appl. Microbiol. Biotechnol.</i> 60(1-2):60-66 (2002).	<input type="checkbox"/>
38	Hatzimanikatis, et al., "Application of mathematical tools for metabolic design of microbial ethanol production," <i>Biotechnol. Bioeng.</i> 58(2-3):154-161 (1998).	<input type="checkbox"/>
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41	Hugler et al., "Malonyl-coenzyme A reductase from <i>Chloroflexus aurantiacus</i> , a key enzyme of the 3-hydroxypropionate cycle for autotrophic CO <sub>2</sub> fixation," <i>J. Bacteriol.</i> 184(9):2404-2410 (2002).	<input type="checkbox"/>
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44	Itoya, "An estimation of minimal genome size required for life," <i>FEBS Lett.</i> 362(3):257-260 (1995).	<input type="checkbox"/>

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45	Jorgensen, et al., "Metabolic flux distributions in <i>Penicillium chrysogenum</i> during fed-batch cultivations," Biotechnol. Bioeng. 46(2):117-131 (1995).	<input type="checkbox"/>
46	Kaoser and Burns, "The control of flux," Symp. Soc. Exp. Biol. 27:65-104 (1973).	<input type="checkbox"/>
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